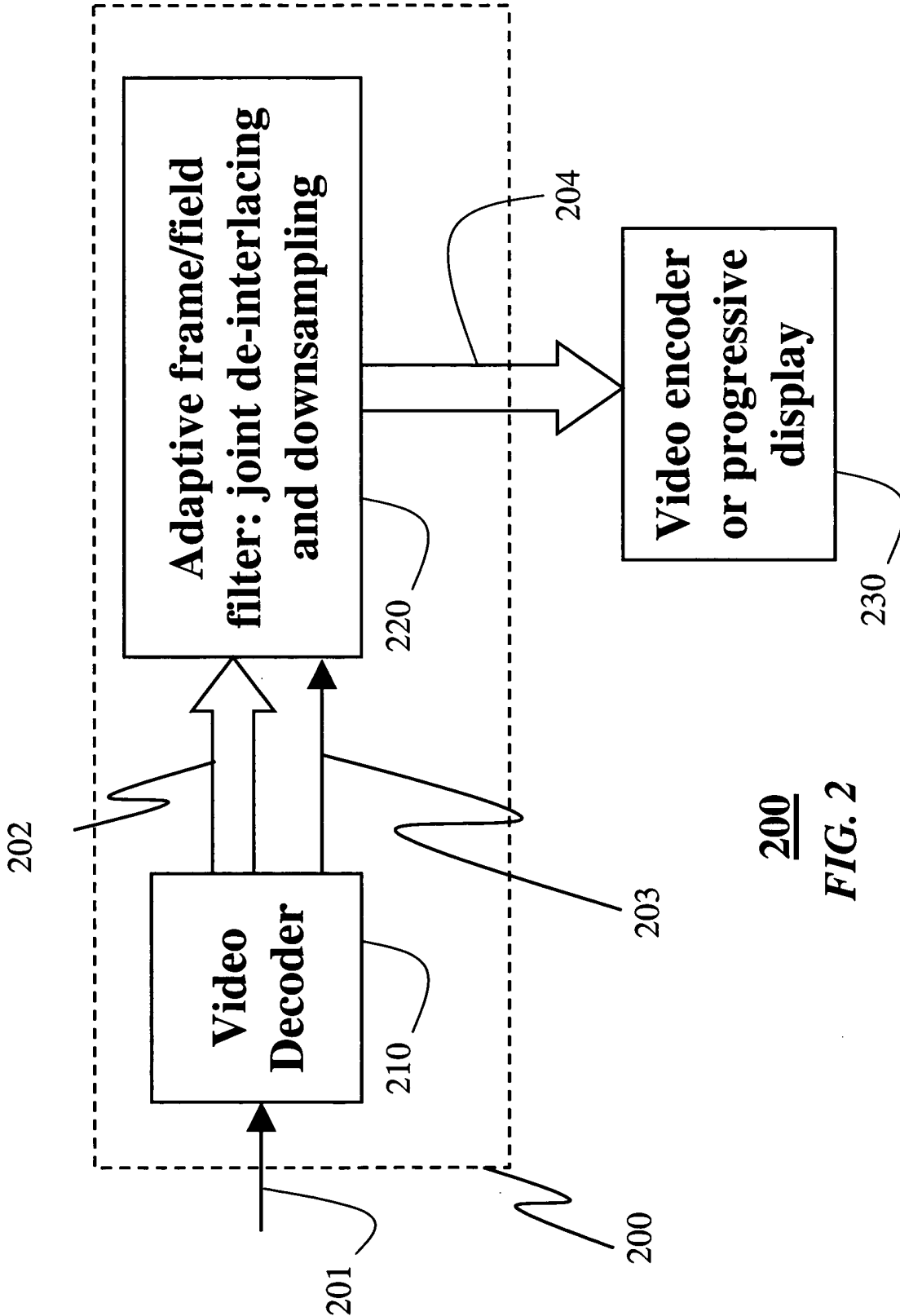


100
FIG. 1
PRIOR ART

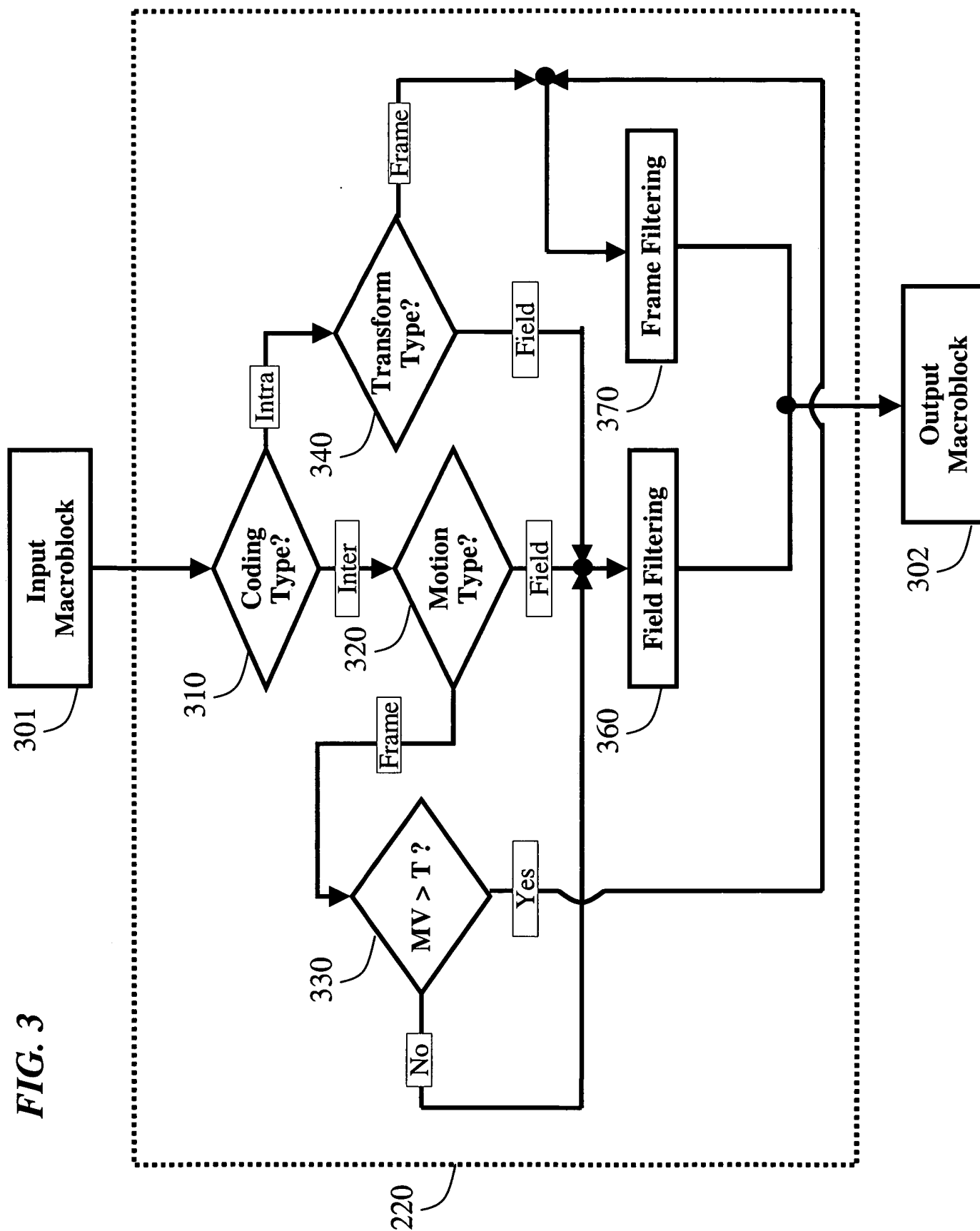
**SYSTEM AND METHOD FOR JOINT DE-INTERLACING AND DOWN-SAMPLING USING ADAPTIVE
FRAME AND FIELD FILTERING**

Inventor(s): Xin et al.
Filed: March 2, 2004

Attny. Docket: MERL-1547
2 of 5 Drawing sheets



200
FIG. 2



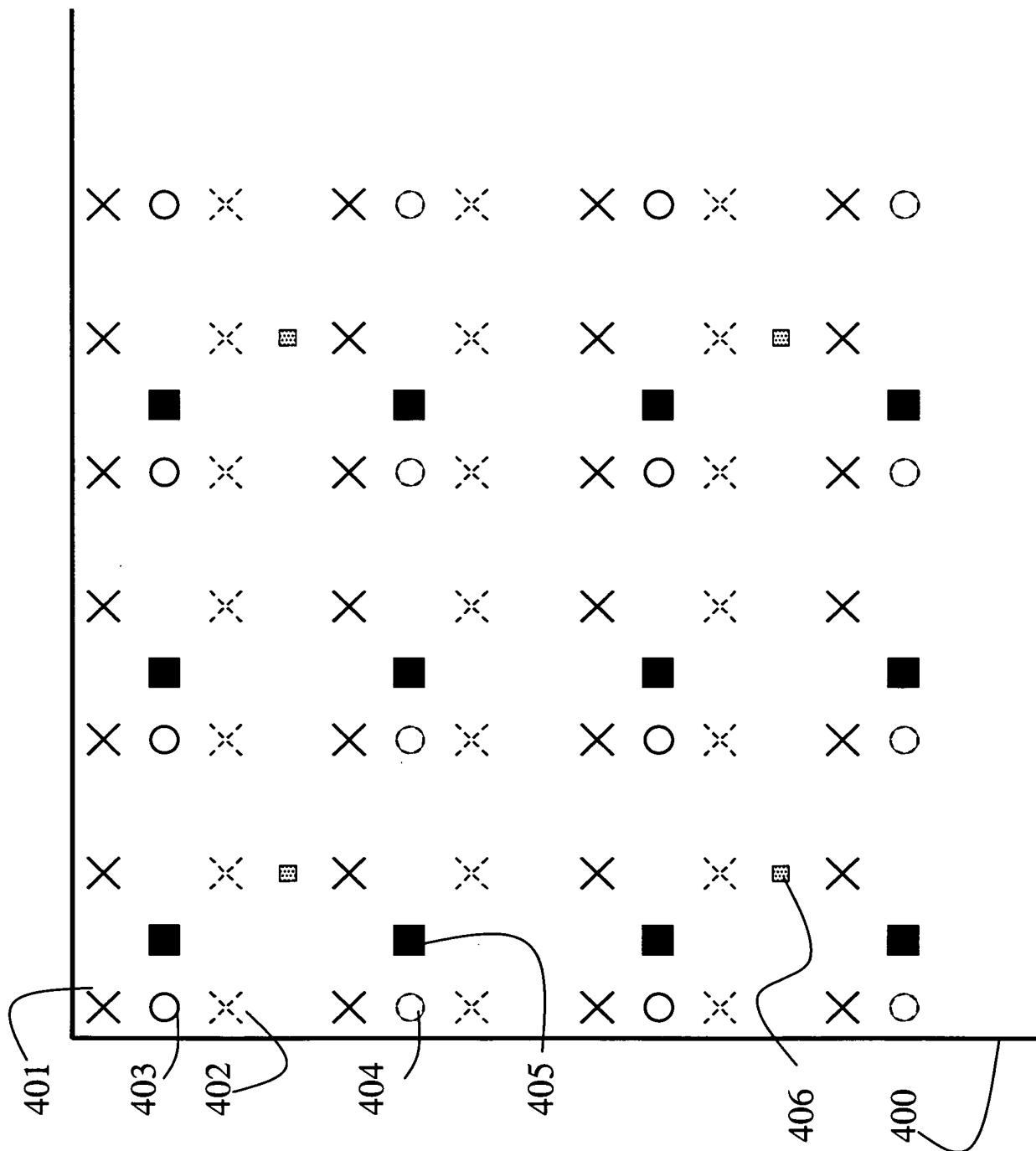


FIG. 4

SYSTEM AND METHOD FOR JOINT DE-INTERLACING AND DOWN-SAMPLING USING ADAPTIVE
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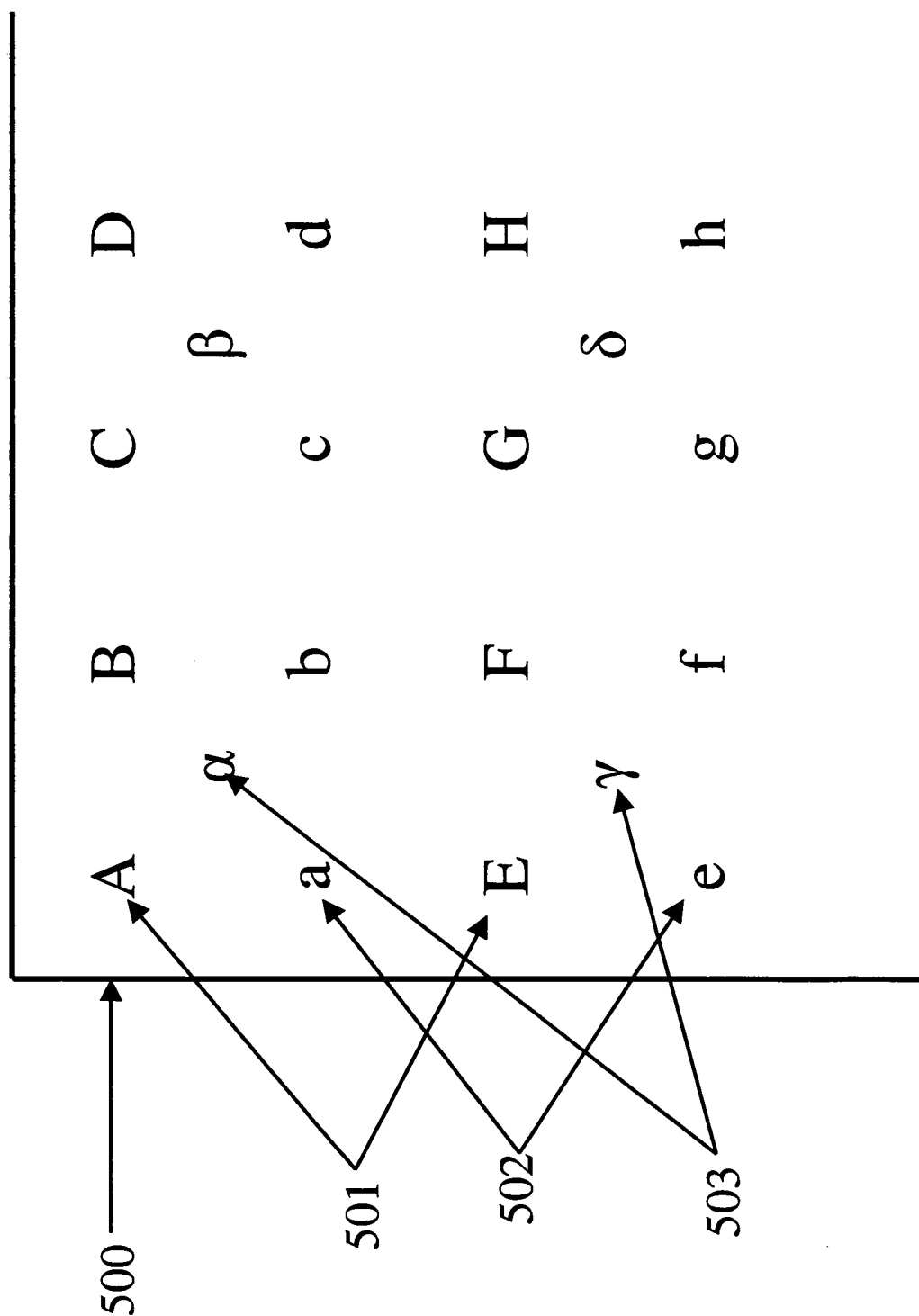


FIG. 5